**TASK 6: SALES TREND ANALYSIS USING AGGREGATIONS**

**Goal:**

1. Use EXTRACT(MONTH FROM order\_date) for month.
2. GROUP BY year/month.
3. Use SUM() for revenue.
4. COUNT(DISTINCT order\_id) for volume.
5. Use ORDER BY for sorting.
6. Limit results for specific time periods.

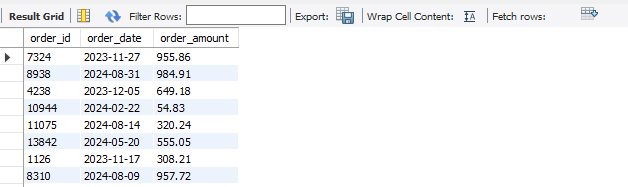
**Query:**

create database sales;

create table orders (order\_id int, order\_date date, order\_amount double(10,2));

select \* from orders;

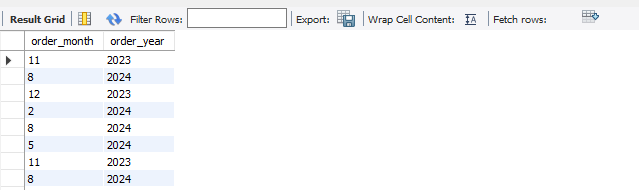
**Output Screenshot:**

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**Query:**

select month(order\_date) as order\_month, year(order\_date) as order\_year from orders;

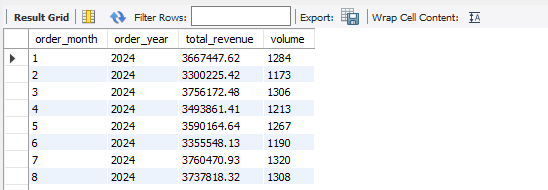
**Output Screenshot:**

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**Query:**

select month(order\_date) as order\_month, year(order\_date) as order\_year, sum(order\_amount) as total\_revenue, count(distinct order\_id) as volume from orders where extract(year from order\_date) = 2024 group by order\_year, order\_month order by order\_year, order\_month;

**Output Screenshot:**



**Query:**

select month(order\_date) as order\_month, year(order\_date) as order\_year, sum(order\_amount) as total\_revenue, count(distinct order\_id) as volume from orders group by order\_year, order\_month order by total\_revenue desc limit 3;

**Output Screenshot:**

